

From: [Brenda Basile](#)
To: [Moore, Gary](#)
Subject: RE: North Storm Water Drain
Date: Friday, May 29, 2015 8:54:00 AM
Attachments: [removed.txt](#)

Gary:

Thanks. We used these at a site in the Panhandle where we had to install mesh to minimize erosion from lead contaminated sediments. The gabions were put at the end of the mesh upstream to manage flow and hold the mesh down and downstream to keep the sediments from eroding out from under the mesh. You can see them in the middle of the Google aerial. I had to have an engineer calculate the size of the rock using hydraulic curves and flows during a high water event. We bought rock from a local quarry and had laborers place the frames and rock. So far they have held up well. I'll have to get some help from our engineers on sizing the rock if we do this.

Thanks

Brenda

BPB-eSig



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From: Moore, Gary [mailto:Moore.Gary@epa.gov]

Sent: Friday, May 29, 2015 8:33 AM

To: Brenda Basile

Subject: CES: North Storm Water Drain

Brenda:

We currently are using hay bales for the sediment control. With heavy rainfall, we sometimes have issues with the hay bales floating even with sand bags on the top of them. My recommendation would be that you use gabian baskets filled with rip rap with various gradation of rock. See the link.
https://www.gabionsupply.com/GABION_BASKETS.html

Thanks

Gary Moore

Federal On-Scene Coordinator

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***** ATTACHMENT REMOVED

This message contained an attachment which the administrator has caused to be removed.

***** ATTACHMENT REMOVED

Attachment name: [image001.jpg]
Attachment type: [image/jpeg]